

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1969	(385/37).CCLS	USPAT; USOCR	OR	OFF	2005/08/12 19:07
L2	828	(385/37).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07
L3	873	(L1 OR L2) AND ((index or indexes or indices) near2 (change or changes or changing or changed or changeable or tunable or control or controls or controlling or controlled or controllable or alter or altered or altering or altered or alteration or varies or varied or varying or vary or variable or adjust or adjustable or adjusting or adjusted or adjusts))	USPAT; USOCR	OR	OFF	2005/08/12 19:07
L4	1300	(L1 OR L2) AND ((index or indexes or indices) near2 (change or changes or changing or changed or changeable or tunable or control or controls or controlling or controlled or controllable or alter or altered or altering or altered or alteration or varies or varied or varying or vary or variable or adjust or adjustable or adjusting or adjusted or adjusts))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L5	77	i:4 and (relief near2 (modulation or grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L6	1300	(L1 OR L2) AND ((index or indexes or indices) near2 (change or changes or changing or changed or changeable or tunable or control or controls or controlling or controlled or controllable or alter or altered or altering or altered or alteration or varies or varied or varying or vary or variable or adjust or adjustable or adjusting or adjusted or adjusts))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L7	0	("2004/0151434").URPN	USPAT	OR	OFF	2005/08/12 19:07
L8	11	("4327966" "4622663" "4914665" "4955028" "5058977" "5561726" "5706375" "5724164" "5774619" "6031950" "6282341").PN. OR ("6795616").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L9	10	"385"/\$ccls. and (((liquid adj crystal) or (liquid adj crystalline) or LC) near2 (filled or filling or fills or fill)) with (grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L10	34	(((liquid adj crystal) or (liquid adj crystalline) or LC) near2 (filled or filling or fills or fill)) with (grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07

L11	27	((((liquid adj crystal) or (liquid adj crystalline) or LC) near2 (filled or filling or fills or fill)) with (grating or gratings))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L12	5	(waveguide or waveguides) and ((filled or filling or fills or fill) near2 (grating or gratings))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L13	166	(waveguide or waveguides) and ((filled or filling or fills or fill) near2 (grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L14	5	("5611004" "5832148" "6215928" "6330383" "6389199") PN OR ("6628850") URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L15	13	("5859941" "6201909" "6236773" "6259847").PN. OR ("6522795"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L16	26	("20010021294" "4006963" "4400056" "4721352" "4807950" "4986624" "5007705" "5016967" "5060307" "5410622" "5412743" "5446809" "5574807" "5699468" "5781670" "5805751" "5809188" "5875272" "5883990" "5926300" "5946430" "5982963" "6167169" "6324204" "6510256").PN OR ("6603902").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L17	31	("3891302" "4268116" "4358851" "4749246" "4781428").PN. OR ("4986624").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L18	18	("4747649" "5333216" "5416866" "5495543" "5517589" "5621828" "5710849" "5859941" "5887103" "5937129" "6072925" "6101302" "6408116").PN. OR ("6549708").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L19	6	("5082345" "5319733").PN. OR ("6151438").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L20	1969	(385/37).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07
L21	828	(385/37).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07

L22	1300	(L20 OR L21) AND ((index or indexes or indices) near2 (change or changes or changing or changed or changeable or changeable or tune or tunes or tuning or tuned or tunable or control or controls or controlling or controlled or controllable or alter or altered or altering or altered or alteration or varies or varied or varying or vary or variable or adjust or adjustable or adjusting or adjusted or adjusts))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L23	1969	(385/37).CCLS;	USPAT	OR	OFF	2005/08/12 19:07
L24	828	(385/37).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07
L25	1096	(L23 or L24) not L22	USPAT	OR	OFF	2005/08/12 19:07
L26	1497	(L23 or L24) not L22	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L27	281	(385/10).CCLS	USPAT	OR	OFF	2005/08/12 19:07
L28	52	(385/10).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07
L29	2	("20020176088" "6567573")PN OR ("6816650").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L30	2016	(385/27-30).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L31	886	L30 and (grating or gratings)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L32	712	(L31 not (L22 or L27 or L28))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L33	1271	L26 not (L27 or L32)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L34	140	L33 and (electrode or electrodes)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07

L35	7	((optical or optic or light) near2 (waveguide or waveguides or waveguiding or guide or guides or guiding)) and ((grating or gratings) with (fill or filled or filling or fills)) and (electrode or electrodes)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L36	219	((optical or optic or light) near2 (waveguide or waveguides or waveguiding or guide or guides or guiding)) and ((grating or gratings) with (fill or filled or filling or fills)) and (electrode or electrodes)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L37	550	((optical or optic or light) near2 (waveguide or waveguides or waveguiding or guide or guides or guiding)) and ((grating or gratings) with (fill or filled or filling or fills)) and (electrode or electrodes)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L38	196	L37 and (index)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L39	0	((hidden adj relief) with (modulation))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L40	1	((hidden adj relief) with (modulation))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L41	368	relief adj grating	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L42	105	L41 and (electrode or electrodes)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L43	57	relief adj grating	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L44	4263	((liquid adj crystal) or liquid-crystal or (liquid adj crystalline) or LC with (grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L45	2286	((liquid adj crystal) or liquid-crystal or (liquid adj crystalline) or LC with (grating or gratings))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07

L46	862	((liquid ady crystal) or liquid-crystal or (liquid adj crystalline) or LC) with (grating or gratings)) same (electrode or electrodes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L47	161	L46 and ((optical or optic) near2 (waveguide or waveguides) or waveguiding))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L48	4	((("4097117") or ("4227769") or ("4986624") or ("6058226"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L49	679	((grating or gratings) near2 (cladding or clad))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L50	567	L49 and (index)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L51	181	L50 and (electrode or electrodes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L52	167	((blazed) near2 (grating or gratings)) and photodetector	US-PGPUB; USPAT; USOCR;	OR	OFF	2005/08/12 19:07
L53	19	("4693547" "4747649" "5133027" "5136669" "5333216" "5416866" "5495543" "5517589" "5621828" "5710849" "5887103" "5937129" "6072925" "6101302" "6385363" "6408116" "6549708") PN: OR ('6731840').URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07

L54	0	L53 and glazed	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L55	122	(US-20040151434-\$ or US-20030138209-\$ or US-20040208466-\$ or US-20040208446-\$ or US-20040170356-\$ or US-20040062481-\$ or US-20040037503-\$ or US-20040037495-\$ or US-2004002489-\$ or US-20030147617-\$ or US-20030133658-\$ or US-20030123773-\$ or US-20030059150-\$ or US-20030053753-\$ or US-20030039443-\$ or US-20030039442-\$ or US-20020150337-\$ or US-20020041734-\$ or US-200200188620-\$ or US-20010031122-\$ or US-200100312126-\$ or US-20030123798-\$ or US-20040218275-\$ or US-20030137706-\$ or US-20040228574-\$ or US-20040146248-\$ did or (US-20030152323-\$ or US-20020131694-\$ or US-20030128918-\$ or US-20040233962-\$ or US-20040057483-\$ or US-20030040134-\$ or US-20040109234-\$ or US-20020048290-\$ or US-20020186919-\$ did or (US-6661942-\$ or US-4743083-\$ or US-6865310-\$ or US-6829073-\$ or US-6826333-\$ or US-6795616-\$ or US-6282341-\$ or US-5058977-\$ or US-4622663-\$ or US-6771844-\$ or US-6763165-\$ or US-6731840-\$ or US-6618116-\$ or US-6271966-\$ or US-6628850-\$ or US-6215928-\$ or US-6625349-\$ or US-6522795-\$ or US-6259847-\$ or US-6236773-\$ or US-5859941-\$ or US-6365428-\$ or US-6104739-\$ or US-5082629-\$ or US-4986624-\$ or US-4006963-\$ did or (US-6650799-\$ or US-6628861-\$ or US-6603902-\$ or US-5875272-\$ or US-5805751-\$ or US-5410622-\$ or US-4268116-\$ or US-3891302-\$ or US-6549708-\$ or US-6101302-\$ or US-5937129-\$ or US-5887103-\$ or US-5710849-\$ or US-5621828-\$ or US-5517589-\$ or US-5495543-\$ or US-5416866-\$ or US-5333216-\$ or US-4747649-\$ or US-6327413-\$ or US-6307989-\$ or US-6285812-\$ or US-6192177-\$ or US-6151438-\$ or US-6111999-\$ or US-6104852-\$ or US-6097862-\$).did. or (US-5995697-\$ or US-5805750-\$ or US-5436991-\$ or US-5303316-\$ or US-5276748-\$ or US-5195161-\$ or US-5131060-\$ or US-6816650-\$ or US-6801348-\$ or US-6597838-\$ or US-6449411-\$ or US-6144480-\$ or US-RE36710-\$ or US-6034809-\$ or US-5668900-\$ or US-4707059-\$ or US-6445838-\$ or US-6434296-\$ or US-6088495-\$ or US-5189714-\$ or US-4974930-\$ or US-4737007-\$ or US-6320990-\$ or US-6567573-\$ or US-6353690-\$ or US-5875053-\$ or US-6801690-\$).did. or (US-6143208-\$ or US-5657407-\$ did or (JP-2004279506-\$ or JP-2002006135-\$ or JP-09304750-\$ or JP-2002057405-\$ or JP-2000182764-\$ or JP-02287441-\$ or JP-58158988-\$ or JP-58158987-\$ or JP-03051826-\$ or JP-63235904-\$ or JP-57035828-\$ or JP-10206620-\$).did or (US-20040151433-\$ or US-20040057483-\$ or JP-2004085212-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/08/12 19:07

L71	11	("43227966" "4622663" "4914665" "4955028" "5058977" "5561726" "5706375" "5724164" "5774619" "6031950" "6282341").PN. OR ("6795616").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L72	10	"385/\$.ccis. and (((liquid adj crystal) or (liquid adj crystalline) or LC) near2 (filled or filling or fills or fill)) with (grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L73	34	(((liquid adj crystal) or (liquid adj crystalline) or LC) near2 (filled or filling or fills or fill)) with (grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L74	27	(((liquid adj crystal) or (liquid adj crystalline) or LC) near2 (filled or filling or fills or fill)) with (grating or gratings))	EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L75	5	(waveguide or waveguides) and ((filled or filling or fills or fill) near2 (grating or gratings))	EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L76	5	("5611004" "5832148" "6215928" "6330383" "6389199").PN.CR ("6628850").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L77	13	("5859941" "6201909" "6236773" "6259847").PN. OR ("6522795").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L78	26	("20010021294" "4006963" "4400056" "4721352" "4807950" "4986624" "5007705" "5016967" "5060307" "5410622" "5412743" "5446809" "5574807" "5699468" "5781670" "5805751" "580918" "5875272" "5883990" "5926300" "5946430" "5982963" "6167169" "6324204" "6510256").PN. OR ("6603902").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L79	1300	(L64 OR L65) AND ((index or indexes or indices) near2 (change or changes or changing or changed or changeable or changeable or tune or tunes or tuning or tuned or tunable or control or controls or controlling or controlled or controllable or alter or altered or altering or altered or varies or varied or varying or vary or variable or adjust or adjustable or adjusting or adjusted or adjusts))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L80	31	((3891302 "4268116" "4358851" "4749246" "4781428").PN. OR ("4986624").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07

L81	18	("4747649" "5333216" "5416866" "5495543" "5517589" "5621828" "5710849" "5859941" "5887103" "5937129" "6072925" "6101302" "6408116").PN. OR ("6549708").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L82	6	("5082345" "5319733").PN. OR ("6151438").URPN	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L83	1969	(385/37).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07
L84	828	(385/37)CCLS	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07
L85	828	(385/37).CCLS.	US-PGPUB; USOCR	OR	OFF	2005/08/12 19:07
L86	1300	(L83 OR L85) AND ((index or indexes or indices) near2 (change or changes or changing or changed or changeable or changeable or tunable or tuning or turned or tunable or control or controls or controlling or controlled or controllable or alter or altered or altered or altered or altered or varied or varying or vary or variable or adjust or adjustable or adjusting or adjusted or adjusts))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:07
L87	1969	(385/37).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/08/12 19:07
L88	7	((optical or optic or light) near2 (waveguide or waveguides or waveguiding or guide or guides or guiding)) and ((grating or gratings) with (fill or filled or filling or fills) and (electrode or electrodes))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L89	550	((optical or optic or light) near2 (waveguide or waveguides or waveguiding or guide or guides or guiding)) and ((grating or gratings) and (electrode or electrodes))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:07
L90	219	((optical or optic or light) near2 (waveguide or waveguides or waveguiding or guide or guides or guiding)) and ((grating or gratings) with (fill or filled or filling or fills) and (electrode or electrodes))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:08
L91	1	((hidden adj relief) with (modulation))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:08
L92	0	((hidden adj relief) with (modulation))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:08
L93	368	relief adj grating	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:08

L94	105	L93 and (electrode or electrodes)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:08
L95	4263	((liquid adj crystal) or liquid-crystal or (liquid adj crystalline) or LC) with (grating or gratings))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:08
L96	2286	((((liquid adj crystal) or liquid-crystal or (liquid adj crystalline) or LC) with (grating or gratings))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:08
L97	862	((((liquid adj crystal) or liquid-crystal or (liquid adj crystalline) or LC) with (grating or gratings)) same (electrode or electrodes)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:08
L98	679	((grating or gratings) near2 (cladding or clad))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:08
L99	167	((bezaed) near2 (grating or gratings)) and photodetector	USPAT	OR	OFF	2005/08/12 19:08
L100	95	L62 and @pd>"20050330"	USPAT	OR	OFF	2005/08/12 19:08
L101	44	L66 and @pd>"20050330"	USPAT	OR	OFF	2005/08/12 19:08
L102	44	L66 and @pd>"20050330"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:08
L103	3	L68 and @pd>"20050330"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:08

L104	166	(waveguide or waveguides) and ((filled or filling or fills or fill) near2 (grating or gratings))	US-PGPUB; USPAT; USOCR;	OR	OFF	2005/08/12 19:08
L105	10	L104 and @pd>"20050330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:08
L106	47	L98 and @pd>"20050330"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:08
L107	560	(1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 or 70 or 71 or 72 or 73 or 74 or 75 or 76 or 77 or 78 or 79 or 80 or 81 or 82 or 83 or 84 or 85 or 86 or 87 or 88 or 89 or 90 or 91 or 92 or 93 or 94 or 95 or 96 or 97 or 98 or 99 or 100 or 101 or 102 or 103 or 104 or 105 or 106) and @pd>"20050412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:19
L108	23	107 and ((grating or gratings) near2 (relief))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:11
L109	1	(hidden adj relief adj modulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:20

L110	1	(hidden adj relief adj modulation)".clm"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/12 19:20
L111	11	"20020192850" "20030091080" "20030091081" "5648978" "6122306" "6215805" "6219369" "6337868" "6580740" "6608855" "6674783") PN. OR ("6885804").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:21

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21	relief,clm, and grating,clm, and electrode,clm,	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:26
L2	0	("2004/0151434") URPN.	USPAT	OR	OFF	2005/08/12 19:27
L3	54	("3795433" "3813142" "3904270" "3912363") PN OR ("4006963") URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/12 19:31